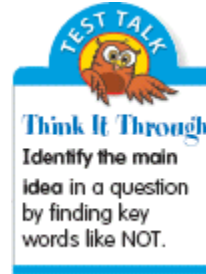




Chapter 1 Section A Diagnostic Checkpoint

MULTIPLE CHOICE

- Which word makes this statement true? (1-5)
 $50,000 = 500$ _____
A. ones B. tens C. hundreds D. thousands
- Which decimal below is NOT equivalent to the rest? (1-3)
A. 0.4 B. 0.004 C. 0.400 D. 0.40



FREE RESPONSE

Write the word form for each number and tell the value of the red digit. (1-1 and 1-3)

3. 333,444,111,222 4. 1.555 5. 4.897

Write each number in standard form. (1-1 and 1-3)

6. nine billion, five hundred seventeen thousand, one hundred four 7. $4 + 0.9 + 0.003$

Compare. Write $>$, $<$ or $=$ for each \bullet . (1-2 and 1-4)

8. 36,980,800 \bullet 36,980,793 9. 7.8 \bullet 7.800 10. 2.699 \bullet 2.599

Order these numbers from least to greatest. (1-2 and 1-4)

11. 23,010,623 23,100,236 23,010,326 12. 3.631, 3.136, 3.613, 3.316

Use the Starfish problem for 13–16. (1-6)

- Tell what you know in your own words. Identify key facts and details.
- Tell what the question is asking.
- Show the main idea.
- Solve the problem.

Starfish Marty counted 14 starfish on the beach, Megan counted 19 starfish, and Mindy counted 9 starfish. How many more starfish did Marty count than Mindy?



Writing in Math

- Explain why the 8 in 786,009,231,432 has a value of 80,000,000,000. (1-1)
- Explain how to write 40,000 in two different ways. (1-5)